



Typical Plumbing Waste and Vent System

CITY OF LONG BEACH PLANNING & BUILDING DEPARTMENT
333 W. OCEAN BLVD., 4TH FLOOR, LONG BEACH, CA 90802
INFORMATION (562) 570-6651 FAX (562) 570-6753

Vertical drainage lines connecting with *horizontal* drainage lines shall enter through 45 degree wye branches, combination wye and 1/8 bend branches, or other approved fittings of equivalent sweep.

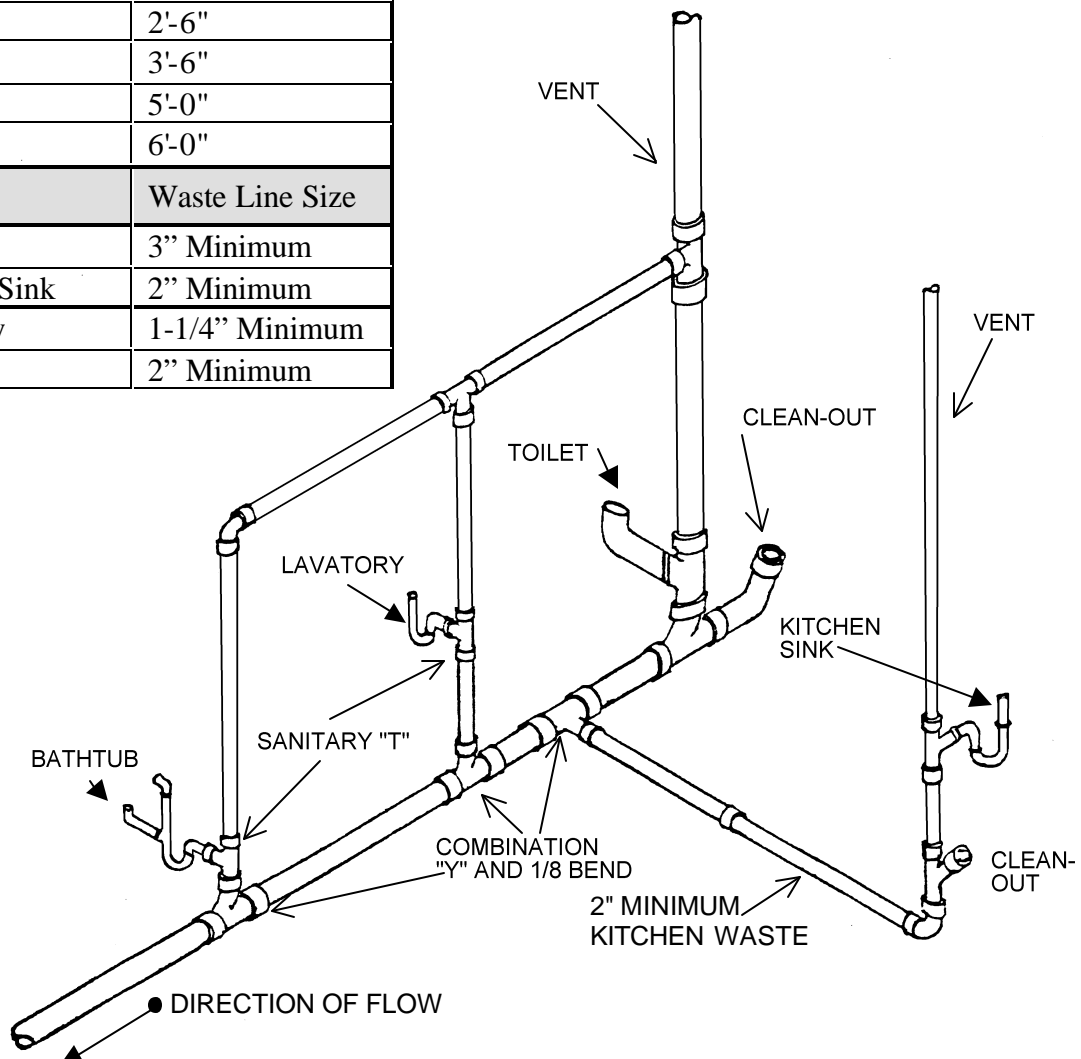
Horizontal drainage lines connecting with other *horizontal* drainage lines shall enter through 45 degree wye branches, combination wye and 1/8 bend branches, or other approved fittings of equivalent sweep.

Horizontal drainage lines, connecting with a *vertical* stack, shall enter through 45 degree wye branches, 60 degree wye branches, combination wye and 1/8 bend branches, sanitary tee branches, or other approved fittings of equivalent sweep. Horizontal trap arms, connecting with a vertical stack or waste, shall enter through sanitary tee branches. a trap arm is that portion of a fixture drain between a trap and a vent. See table below for horizontal trap arm distances.

The size of vent piping shall be determined from its length and the total number of fixture units connected thereto. In addition, the drainage piping of each building and each connection to a public sewer shall be vented by means of one or more vent pipes, the aggregate cross-sectional area of which shall not be less than that of the largest building sewer.

Trap Arm Pipe Size	Trap To Vent Distance
1-1/4"	2'-6"
1-1/2"	3'-6"
2"	5'-0"
3"	6'-0"
Fixture	Waste Line Size
Toilet	3" Minimum
Kitchen Sink	2" Minimum
Lavatory	1-1/4" Minimum
Shower	2" Minimum

TYPICAL PLUMBING WASTE AND VENT SYSTEM



THIS PAGE
INTENTIONALLY
LEFT BLANK